

Figure 1

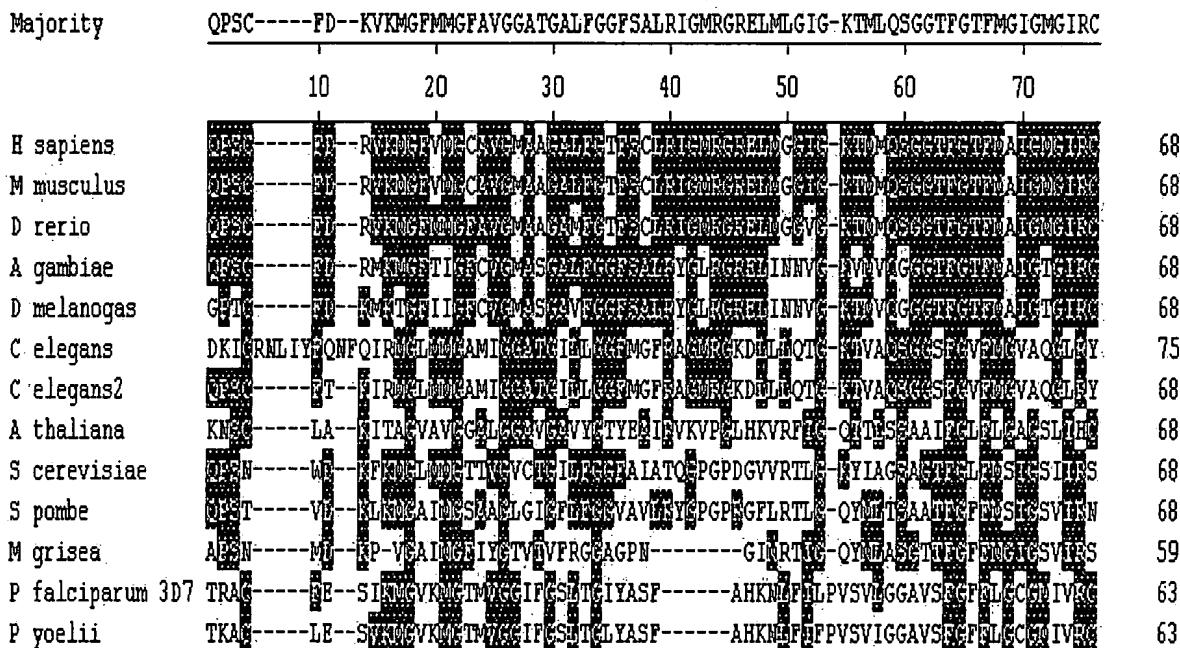


Figure 2

		Percent Identity														
		1	2	3	4	5	6	7	8	9	10	11	12	13		
Divergence steps	1	100.0	94.7	76.3	74.1	55.3	42.1	50.0	51.3	40.8	35.5	35.5	42.1	1		
	2	0.0	94.7	76.3	71.1	55.3	42.1	50.0	51.3	40.8	35.5	35.5	42.1	2		
	3	6.1	6.1	77.6	73.7	55.3	42.1	50.0	50.0	39.5	32.9	32.9	42.1	3		
	4	32.7	32.7	30.4	90.8	51.3	38.2	48.7	50.0	35.5	32.9	31.6	38.2	4		
	5	42.2	42.2	37.3	11.1	48.7	36.8	44.7	47.4	38.2	30.3	28.9	39.5	5		
	6	79.9	79.9	79.9	92.5	102.0	84.2	48.7	40.8	36.8	38.2	35.5	36.8	6		
	7	92.5	92.5	92.5	107.1	112.6	7.8	34.2	26.3	25.0	28.9	27.6	23.7	7		
	8	97.1	97.1	97.1	102.0	118.4	102.0	124.6	63.2	35.5	35.5	35.5	44.7	8		
	9	92.5	92.5	97.1	97.1	107.1	138.4	174.0	59.0	39.5	32.9	31.6	51.3	9		
	10	138.4	138.4	146.1	174.0	154.5	163.8	185.4	174.0	146.1	39.5	38.2	34.2	10		
	11	146.6	146.6	166.3	166.3	191.1	130.3	130.3	146.6	166.3	123.2	92.1	30.3	11		
	12	146.6	146.6	166.3	177.9	202.0	146.6	138.1	146.6	177.9	130.3	10.2	28.9	12		
	13	108.9	108.9	108.9	129.8	122.3	138.0	167.8	97.3	73.3	156.8	194.2	207.0	13		
		1	2	3	4	5	6	7	8	9	10	11	12	13		

Figure 3

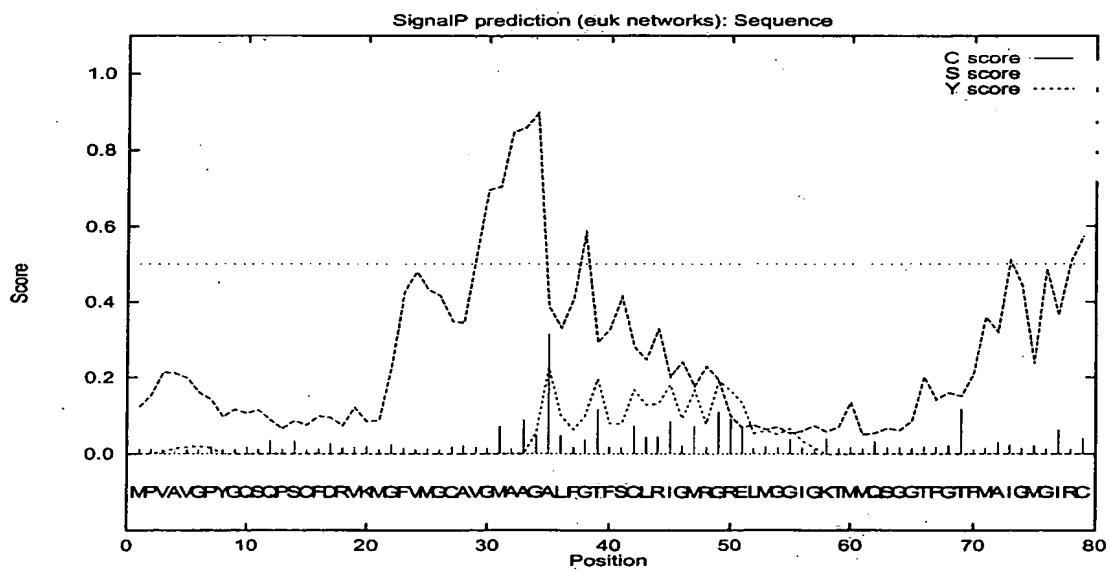


Figure 4

HepG2 HeLa Jurkat HEK293

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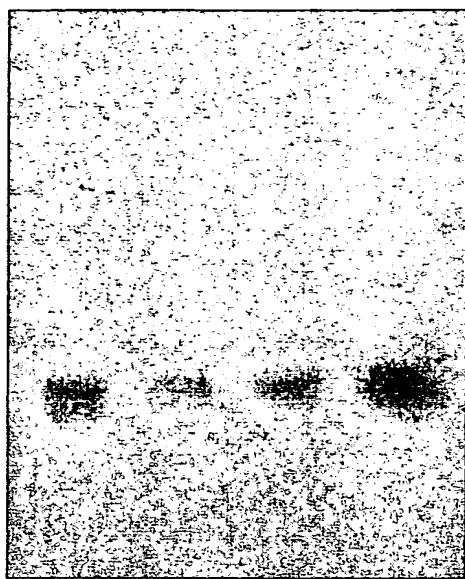


Figure 5A

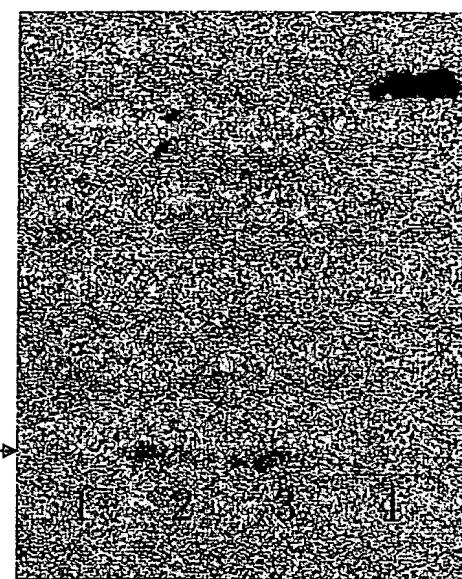


Figure 5B

—■— Blank vector 0.0mM IPTG  
—○— Blank vector 0.5mM IPTG

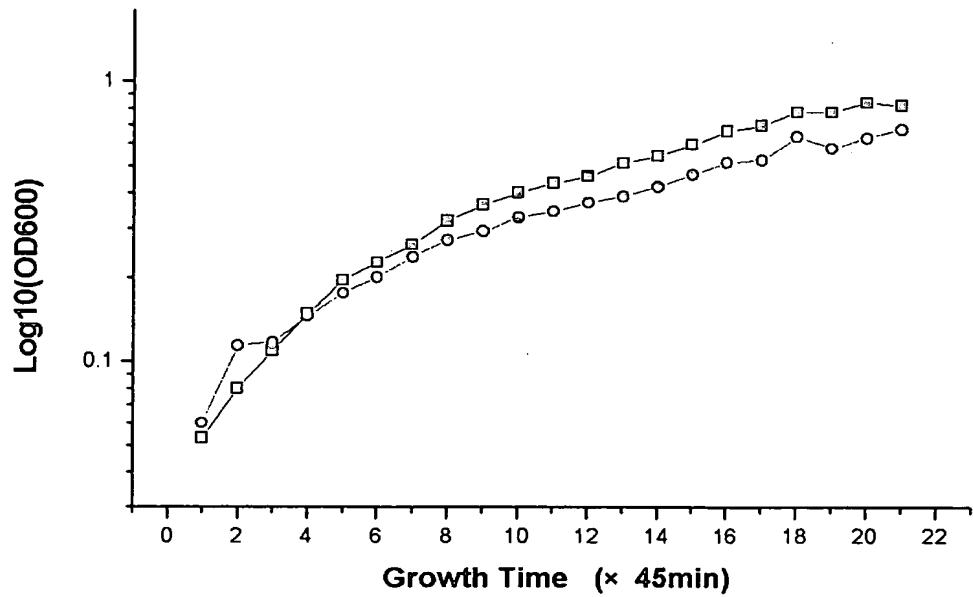


Figure 6A

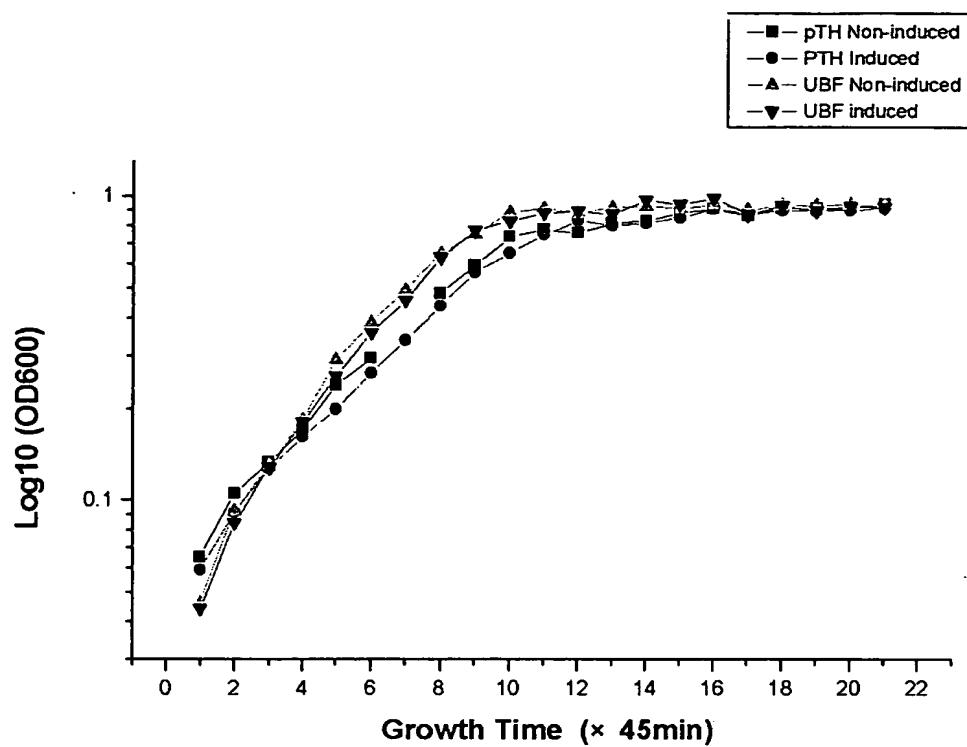


Figure 6B

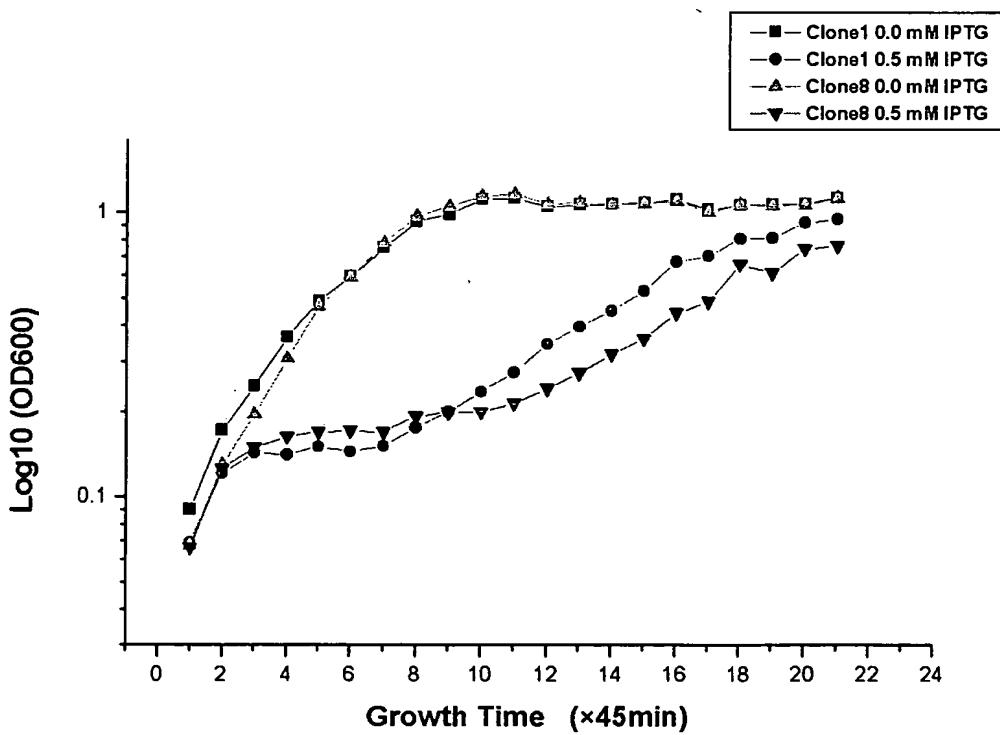


Figure 6C

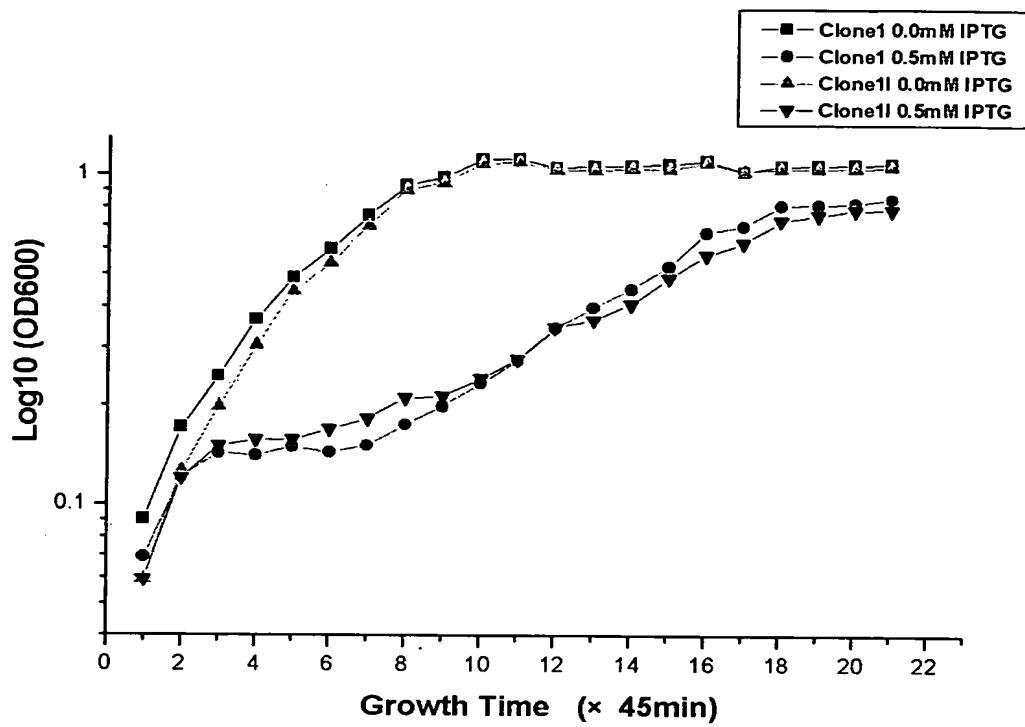


Figure 6D

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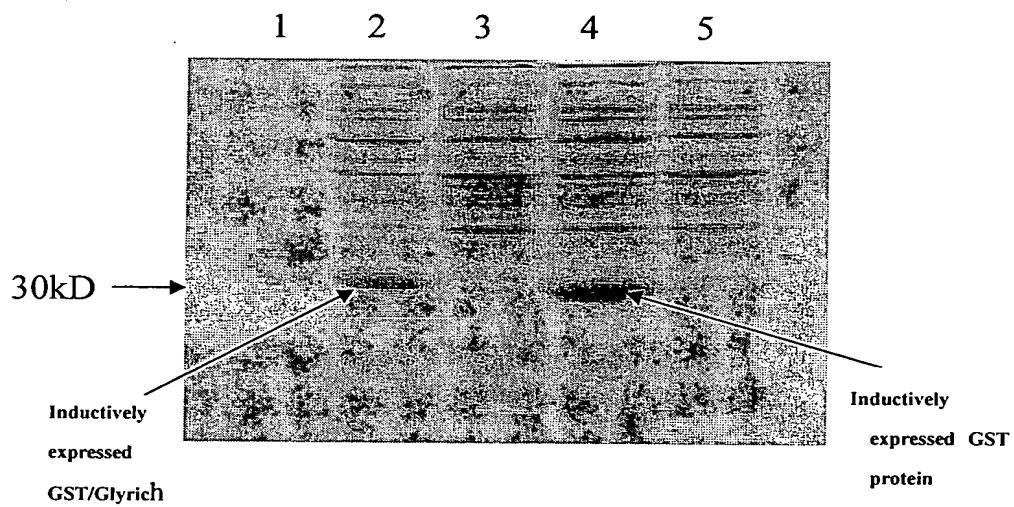


Figure 7

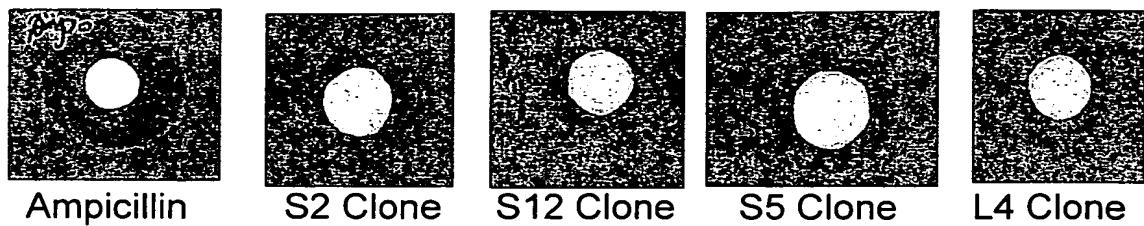


Figure 8

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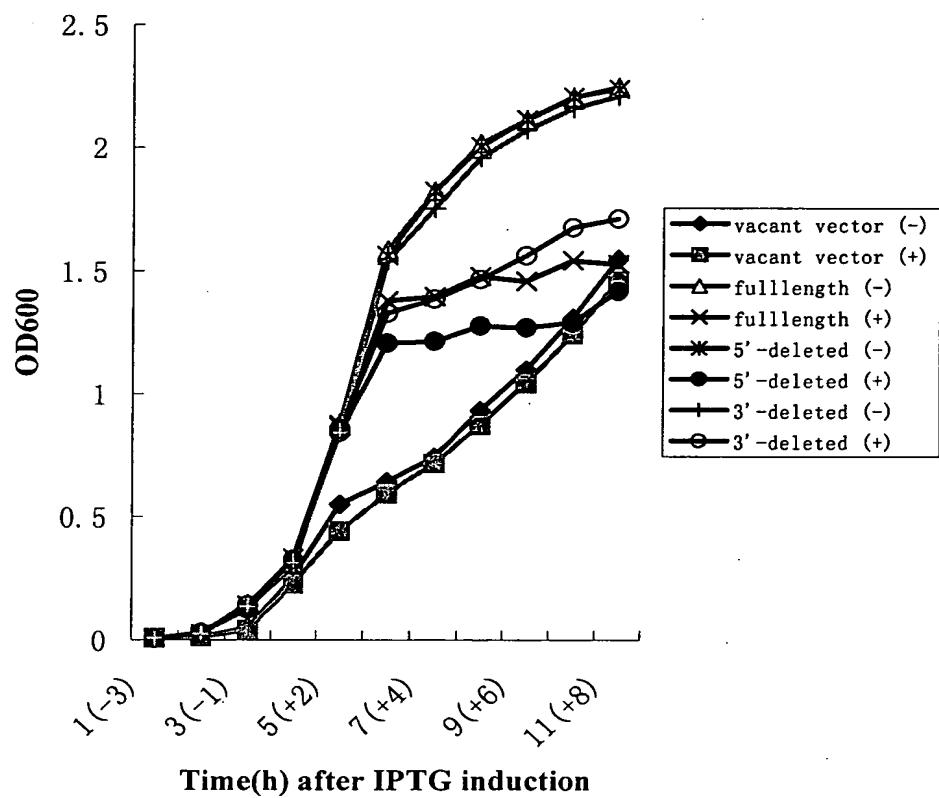


Figure 9